



## Solar Eclipse Educational Resource Links

**Expectation from: A Framework for K-12 Science Education**  
**ESS1.B: Earth and the Solar System**

Patterns of the motion of the sun, moon, and stars in the sky can be observed, described and predicted. (By the End of First Grade: 1-ESS1-1)  
 Seasonal patterns of sunrise and sunset can be observed, described and predicted. (By the End of First Grade 1-ESS1-2)

<p><b>ALL</b></p>	<p><b>National Science Teaching Association</b></p> <ul style="list-style-type: none"> <li>• <a href="#">Administrator Guide</a></li> <li>• <a href="#">Educator Guide</a></li> <li>• <a href="#">General Information Guide</a></li> </ul> <p><b>General Information</b></p> <ul style="list-style-type: none"> <li>• <a href="https://eclipsewise.com/">https://eclipsewise.com/</a></li> <li>• <a href="https://www.greatamericaneclipse.com/">https://www.greatamericaneclipse.com/</a> (great animations!)</li> <li>• <a href="http://Moeclipse.org">Moeclipse.org</a></li> <li>• <a href="https://www.timeanddate.com/eclipse/in/usa/st-louis?iso=20240408">https://www.timeanddate.com/eclipse/in/usa/st-louis?iso=20240408</a></li> <li>• <a href="https://eclipse.aas.org/eclipse-america-2024">https://eclipse.aas.org/eclipse-america-2024</a></li> </ul>
<p><b>K-2 websites</b></p>	<p><b>Discovery Education: For districts with an EdPlus partnership</b>  <a href="#">Solar Eclipse Channel</a></p> <p><b>NISE Network:</b>  <a href="#">Demonstration: Exploring the Solar System: Solar Eclipse.</a></p> <p><b>NASA: Jet Propulsion Laboratory:</b>  <a href="#">Epic Eclipse: A “Pi in the Sky” Math Challenge</a></p> <p><b>Exploratorium:</b>  <a href="#">Explore Hands-on, teacher-tested activities for the classroom and beyond.</a></p> <p><b>National Solar Observatory:</b>  <a href="#">9 Solar Eclipse Lesson Plans and Activity Guides</a></p>
<p><b>K-2 Videos</b></p>	<p><b>YouTube:</b>  <a href="#">SciShow Kids: Make an Eclipse Viewer. (2:54)</a>        Jessi and Squeaks show you how to make a pinhole viewer so you can safely watch</p>

	<p>the solar eclipse!</p> <p><a href="#">NASA Space Place: What is a Solar Eclipse? (2:06)</a> Whoa! It's the middle of the day—so why is the sky getting dark? It's a solar eclipse! A solar eclipse happens when, at just the right moment, the moon passes between the sun and Earth.</p> <p><a href="#">Why Solar Eclipses Create Those Crescent-Shaped Lights (SciShow Space)(4:14)</a> Everyone is watching the sky during a solar eclipse, but if you look down, you'll catch another kind of light show. (maybe 2nd graders - but teachers will find this helpful)</p>
<b>K-2 Activities</b>	<p><b>STAR*net (Science-Technology Activities and Resources For Libraries)</b> <a href="#">Solar Eclipse Activities for Libraries = Sort by Age and Activity Time</a></p> <p><b>NASA Science:</b> <a href="#">Activity: How can the little moon cover the Giant Sun?</a></p>
<b>K-2 Books</b>	<p><b>American Astronomical Society</b> <a href="https://eclipse.aas.org/resources/books-articles">https://eclipse.aas.org/resources/books-articles</a></p>

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